

BCAT2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP02500-1

Capture Antibody Information

Catalog Number:
86367-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
251057E3
Reactivity:
human
GenBank:
BC001900
Immunogen Catalog Number:
Ag9573

Conjugate:
Unconjugated
Full name:
branched chain aminotransferase 2, mitochondrial
Gene ID:
587

Detection Antibody Information

Catalog Number:
86367-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
251057D5
Reactivity:
human
GenBank:
BC001900
Immunogen Catalog Number:
Ag9573

Conjugate:
Unconjugated
Full name:
branched chain aminotransferase 2, mitochondrial
Gene ID:
587

Applications

Tested Applications:
Sandwich ELISA

Range:
0.391-25 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP02500-1 targets BCAT2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: BCAT2 Recombinant antibody, PBS Only (Capture) 86367-3-PBS (251057E3). 100 µg. Concentration 1 mg/mL.

Detection antibody: BCAT2 Recombinant antibody, PBS Only (Detector) 86367-2-PBS (251057D5). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

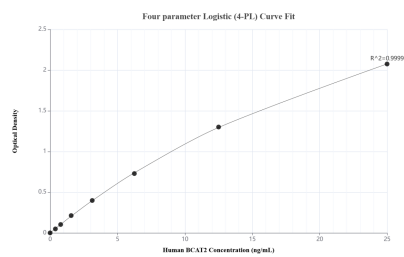
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

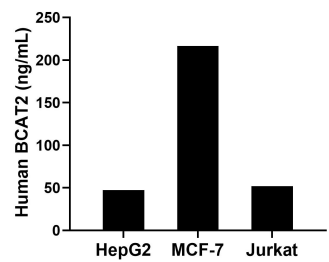
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

Selected Validation Data



Sandwich ELISA standard curve of MP02500-1, Human BCAT2 Recombinant Matched Antibody Pair - PBS only. 86367-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag9573. 86367-2-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL.



The mean BCAT2 concentration was determined to be 47.17 ng/mL in HepG2 cell extract based on a 1.30 mg/mL extract load, 216.34 ng/mL in MCF-7 cell extract based on a 1.30 mg/mL extract load and 51.71 ng/mL in Jurkat cell extract based on a 1.20 mg/mL extract load.